

Name:	 UPES UNIVERSITY WITH A PURPOSE
Enrolment No:	

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, December 2019

Course: Web Programming through PHP	Semester: III
Program: B.Tech. CSE+OSOS /ECOMRA	Time 03 hrs.
Course Code: CSEG2018	Max. Marks: 100

Instructions: Attempt all the questions

SECTION A

S. No.	Question	Marks	CO
Q1	Distinguish GET and POST method.	4	CO5
Q2	How exceptions are handled in PHP? Explain with example.	4	CO4
Q3	Write a PHP program to remove duplicates from a sorted list.	4	CO3
Q4	Write a short note on date and time function available in PHP.	4	CO2
Q5	Write a PHP code to establish connectivity with the database. Perform create, insert and delete operations in the table.	4	CO5

SECTION B

Q6	Differentiate Session and Cookie? Write a program to create a session, to set a value in session, and to remove data from a session.	10	CO5
Q7	a) How a browser communicate with web server? b) Write a PHP code to update a value of database on user request.	5+5	CO1, CO5
Q8	a) How to save user's data in a file? Write a PHP code. b) Write a PHP script to count number of lines in a file.	5+5	CO3
Q9	a) Explain different types of Inheritance in PHP. How access specifiers affect derived classes. b) Write a PHP program to test whether two lines PQ and RS are parallel. The four points are P(x1, y1), Q(x2, y2), R(x3, y3), S(x4, y4).	4+6	CO2, CO4

OR

Write a PHP program to find the first non-repeated character in a given string.

SECTION-C

Q 10	1. How to achieve overloading in PHP? Explain with suitable example. 2. a) Write a PHP script to store the roll no, name, age, address, phone no of students into the file called studentdetails.txt and the records should be stored in the format given below 101:priya:19:Bangalore:7788665544 b) Write a function to retrieve the student information from the studentdetails.txt file. c) Write a function to display all the students who belong to the city 'bangalore' from the studentdetails.txt file.	5+15	CO4, CO2, CO3
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Q11	<p>1. Write a function that accepts a List of numbers and sorts all even number first, all odd numbers second in ascending order and then return the List example: input: 1,3,2,5,8,2,7,4,9,6,11 output: 2,2,4,6,8,1,3,5,7,9,11</p> <p>2. Write a PHP program to store the following information about N employees: Name, Code, Basic Salary, Mobile, Address, DateOfBirth. Organization is giving 5% hike in salary to those employees who are having their birthday in January as 15th January is the foundation day. Update all eligible records and print it.</p> <p style="text-align: center;">OR</p> <p>A University wishes to store information of its students. The student class has the following instance variables: studentRollNo, studentName, dateOfBirth, Marks. A class variable is also required, called noOfStudents, which will be incremented each time a Student instance is created. Write PHP code to perform the following:</p> <p>a) Show the declaration of the Student class, including a method that takes 4 parameters, one for each of the instance variables. b) Declare constructor as follows; Has no parameters and sets -1 for RollNo, "not known" for Name, 0 for marks and 1st January 1995 for the date. c) Create at least two instance for students and update their information using appropriate method.</p>	<p>10+10</p> <p>OR 20</p>	<p>CO2, CO3, CO4</p>
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